

NPT

Single Wheel Plastic Castors

The NPT series is the culmination of Catis’ extensive efforts to upgrade and modernize the previous generation of single-wheel Nylon castors, particularly the PT castors.

One of the standout features of the NPT castor is its innovative bifurcated, toothless stainless-steel brake plate. This design allows for maximum friction without contact to the tread center, keeping the castor rolling smoothly, free from flat spots, and ultimately prolonging wheel life. Additionally, the metal plate in the brake design contributes to the castor’s characteristic stability while significantly reducing noise.

In addition to its practical features, the NPT castor also boasts a graceful, flowing profile that is easy on the eyes. When the brake is released, the On and Off pedals rest in tandem, forming a seamless surface that accentuates the castor’s clean profile.

Overall, the NPT series represents a significant step forward in castor design and performance.

Application:

- High tech transportation equipment
- Mobile device in medical application
- Furniture application

Size available :

- NPT - 75*25mm, 100*25mm, 125*32mm
- NPTA - 75*25mm, 100*25mm



NPT Single Wheel Plastic Castors



High strength PA6 with fiber glass reinforced body, precision ball bearing at swivel head and wheel center.
Patented brake system provides safety and multiple locking function.
Thermoplastic rubber tread (Shore 70A).

Top Plate Fitting

Total Lock



Catis Code	 mm	 mm	 Fitting	 mm	 mm	 mm	 kg
NPT75BP2/G	75	25	P2	25	106	98	50
NPT100BP2/G	100	25	P2	35	136	116	80
NPT125BP1/G	125	30	P1	44	162	128	100

Directional Lock



Catis Code	mm	mm	Fitting	mm	mm	mm	kg
NPT100D1P2/G	100	25	P2	35	136	116	80
NPT125D1P1/G	125	30	P1	44	162	128	100

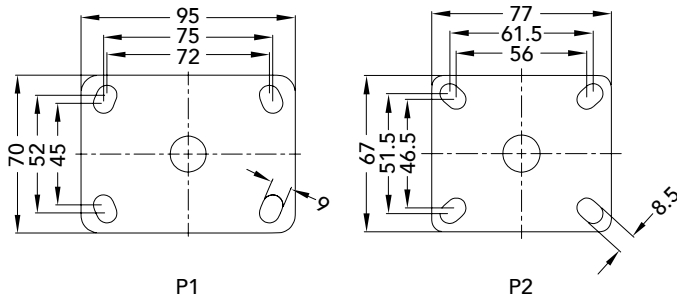
Free Swivel



Catis Code	mm	mm	Fitting	mm	mm	mm	kg
NPT75P2/G	75	25	P2	25	106	84	50
NPT100P2/G	100	25	P2	35	136	99	80
NPT125P1/G	125	30	P1	44	162	110	100



Conductive wheel is also available.
Add "-KAS" suffix to Catis code,
e.g. NPT100BP2/G-KAS



Threaded Stem Fitting

Total Lock



Catis Code	 mm	 mm	 Fitting	 mm	 mm	 mm	 kg
NPT75BT4/G	75	25	T4	25	106	98	50
NPT100BT4/G	100	25	T4	35	136	116	80
NPT125BT5/G	125	30	T5	44	162	128	100

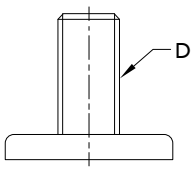
Free Swivel



Catis Code	mm	mm	Fitting	mm	mm	mm	kg
NPT75T4/G	75	25	T4	25	106	84	50
NPT100T4/G	100	25	T4	35	136	99	80
NPT125T5/G	125	30	T5	44	162	110	100



Conductive wheel is also available.
Add "-KAS" suffix to Catis code,
e.g. NPT100BT4/G-KAS



Code	D
T2	1/2-13UNC x 1"
T4	M12 x 25mm P=1.75
T5	M16 x 25mm P=2.0

NPT Single Wheel Plastic Castors



High strength PA6 with fiber glass reinforced body, precision ball bearing at swivel head and wheel center.
Patented brake system provides safety and multiple locking function.
Thermoplastic rubber tread (Shore 70A)

Round Stem Fitting

Total Lock



Catis Code	 mm	 mm	 Fitting	 mm	 mm	 mm	 kg
NPT75BR63/G	75	25	R63	25	106	98	50
NPT100BR63/G	100	25	R63	35	136	116	80
NPT125BR8/G	125	30	R8	44	162	128	100

Directional Lock



Catis Code	mm	mm	Fitting	mm	mm	mm	kg
NPT100D1R63/G	100	25	R63	35	136	116	80
NPT125D1R8/G	125	30	R8	44	162	128	100

Free Swivel



Catis Code	mm	mm	Fitting	mm	mm	mm	kg
NPT75R63/G	75	25	R63	25	106	84	50
NPT100R63/G	100	25	R63	35	136	99	80
NPT125R8/G	125	30	R8	44	162	110	100

Friction Ring Stem

Total Lock



Catis Code	 mm	 mm	 Fitting	 mm	 mm	 mm	 kg
NPT75BF521/G	75	25	F521	25	106	98	50
NPT100BF521/G	100	25	F521	35	136	116	80
NPT125BF521/G	125	30	F521	44	162	128	100

Directional Lock



Catis Code	mm	mm	Fitting	mm	mm	mm	kg
NPT100D1F521/G	100	25	F521	35	136	116	80
NPT125D1F521/G	125	30	F521	44	162	128	100

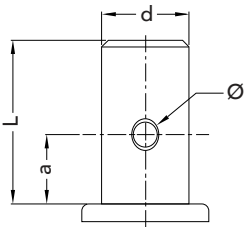
Free Swivel



Catis Code	mm	mm	Fitting	mm	mm	mm	kg
NPT75F521/G	75	25	F521	25	106	84	50
NPT100F521/G	100	25	F521	35	136	99	80
NPT125F521/G	125	30	F521	44	162	110	100



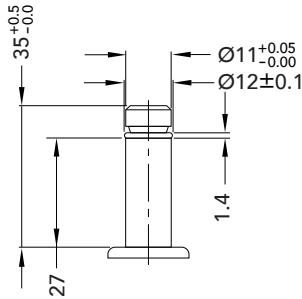
Conductive wheel is also available.
Add "-KAS" suffix to Catis code,
e.g. NPT100BR63/G-KAS



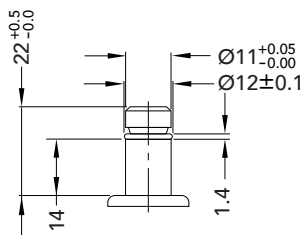
Code	d	L	a	Ø
R63	18	28	19	M8 x 1.25
R8	22	45	19	M8 x 1.25



Conductive wheel is also available.
Add "-KAS" suffix to Catis code,
e.g. NPT100BF521/G-KAS



F51

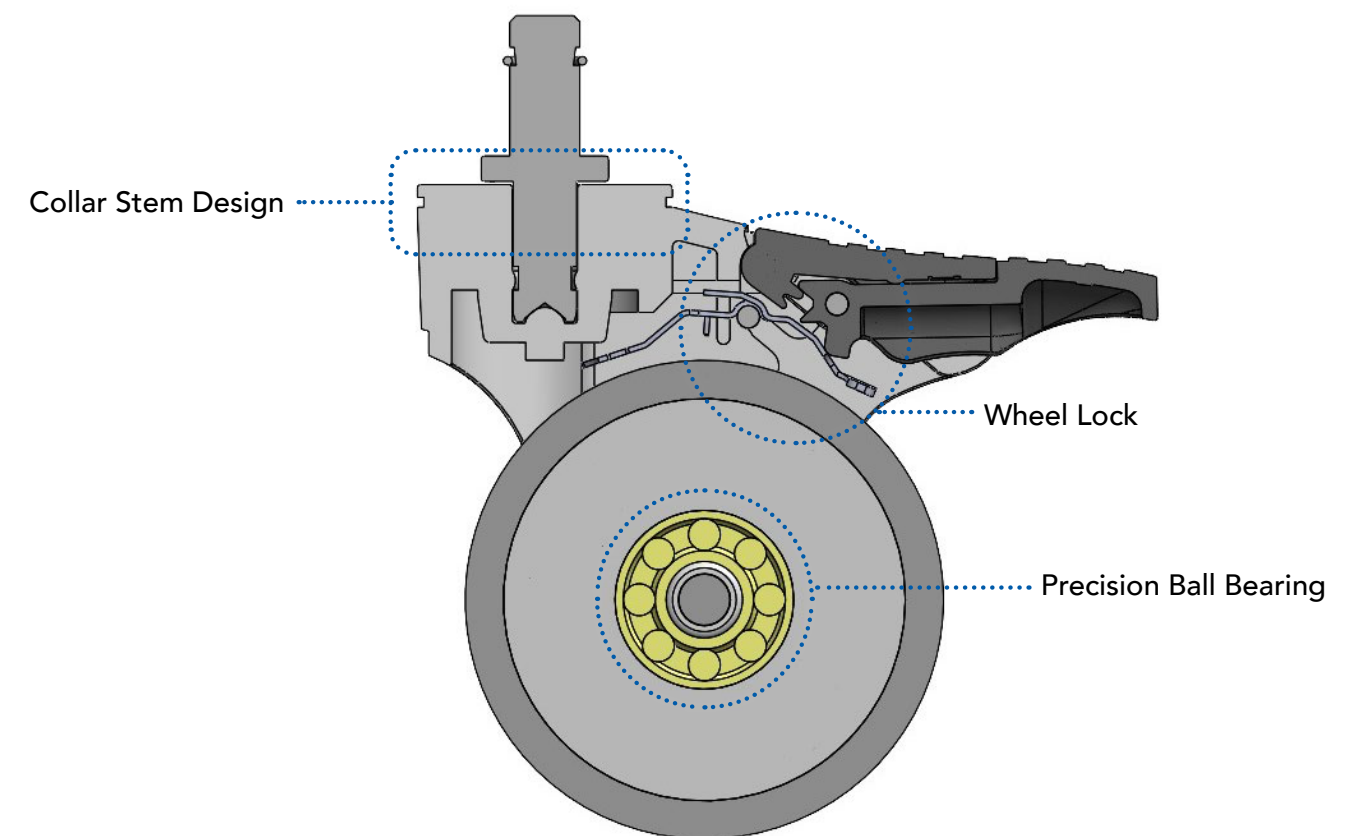


F521

The new single-wheel NPTA castors are a superb value-for-money choice that is ideal for a wide array of ultra-light mobile equipment. They are adaptable and easy to install. NPTA castors offer an affordable and reliable solution for equipment that don't require hefty, cumbersome castors. The awesome brake system, and flowing, graceful profile makes NPTA castors an ideal choice for your light-duty mobile units.

NPTA Features

The NPTA castors inherits an excellent brake system that uses a bifurcated, toothless stainless steel plate molded to fit the curvature of the wheel designed to protect and prolong the wheel tread life-span. The use of metal plate in the brake design gives the castor its characteristic stability while significantly reducing noise. You'll find a firm wheel brake with a smooth roll!



High strength PA6 with fiber glass reinforced body, collar stem design at swivel head and precision ball bearing at wheel center. Patented brake system provides safety and multiple locking function. Thermoplastic rubber tread (70A).

Top Plate Fitting

Wheel Lock

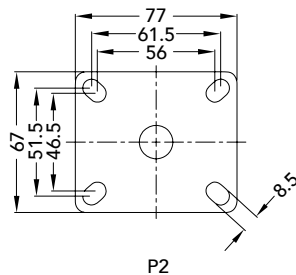


Catis Code	 mm	 mm	 Fitting	 mm	 mm	 mm	 kg
NPTA75B1P2/G	75	25	P2	25	114	98	40
NPTA100B1P2/G	100	25	P2	35	143	116	60

Free Swivel



Catis Code	mm	mm	Fitting	mm	mm	mm	kg
NPTA75P2/G	75	25	P2	25	114	84	40
NPT100P2/G	100	25	P2	35	143	99	60



Threaded Stem Fitting

Wheel Lock

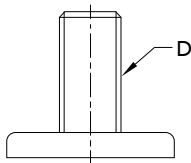


Catis Code	 mm	 mm	 Fitting	 mm	 mm	 mm	 kg
NPTA75B1T4/G	75	25	T4	25	108	98	40
NPTA100B1T4/G	100	25	T4	35	137	116	60

Free Swivel



Catis Code	mm	mm	Fitting	mm	mm	mm	kg
NPTA75T4/G	75	25	T4	25	108	84	40
NPTA100T4/G	100	25	T4	35	137	99	60



Code	D
T2	1/2-13UNC x 1"
T4	M12 x 25mm P=1.75
T5	M16 x 25mm P=2.0

Friction Ring Stem

Wheel Lock



Catis Code	 mm	 mm	 Fitting	 mm	 mm	 mm	 kg
NPTA75B1F521/G	75	25	F521	25	107	98	40
NPTA100B1F521/G	100	25	F521	35	136	116	60

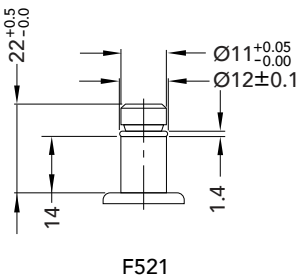
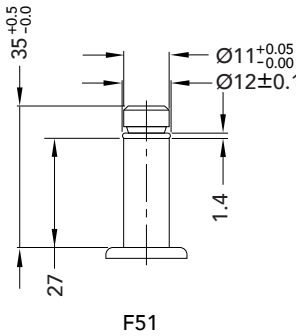
Free Swivel



Catis Code	mm	mm	Fitting	mm	mm	mm	kg
NPTA75F521/G	75	25	F521	25	107	84	40
NPTA100F521/G	100	25	F521	35	136	99	60



Conductive wheel is also available.
Add "-KAS" suffix to Catis code, to indicate the conductive version, e.g. NPTA100B1P2/G-KAS; NPTA100B1T4/G-KAS; NPTA100B1F521/G-KAS



Nylon 6 (reinforced with glass fiber) for body and brake pedal. Thermoplastic rubber tread (70A) .
NPT : Stainless steel precision ball bearing at swivel head and wheel center.
NPTA : Stainless steel collar stem at swivel head, stainless steel precision ball bearing at wheel center.

Top Plate Fitting

Wheel Lock

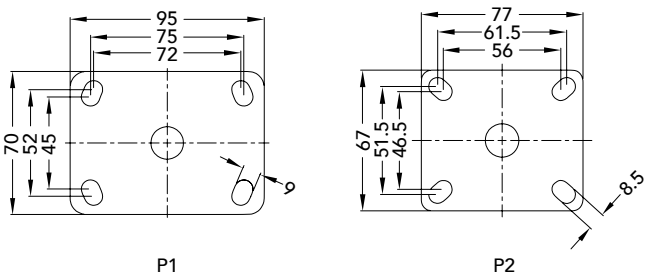


Catis Code	 mm	 mm	Fitting	 mm	 mm	 mm	 kg
NPTA75B1P2SS/G	75	25	P2	25	114	98	40
NPTA100B1P2SS/G	100	25	P2	35	143	116	60
NPT125BP1SS/G	125	30	P1	44	162	128	100

Free Swivel



Catis Code	mm	mm	Fitting	mm	mm	mm	kg
NPTA75P2SS/G	75	25	P2	25	114	84	40
NPTA100P2SS/G	100	25	P2	35	143	99	60
NPT125P1SS/G	125	30	P1	44	162	110	100



NPT/ NPTA series come in two standard colors, gray (RAL7001), and white (RAL9010).
The product numbers are listed for the gray color castor only. If white is preferred, please replace the last letter (color code) "G" with "W".



This is a list of our castors in our standard fittings. Customization may be possible depending on the size, continuity, and regularity of the orders. Please contact us for further information if you would like to discuss customization.

Specifications and dimensions are listed according to current production but may be subject to change without notice.

Threaded Stem Fitting

Wheel Lock



Catis Code	 mm	 mm	Fitting	 mm	 mm	 mm	 kg
NPTA75B1T4SS/G	75	25	T4	25	108	98	40
NPTA100B1T4SS/G	100	25	T4	35	137	116	60
NPT125BT5SS/G	125	30	T5	44	162	128	100

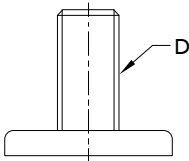
Free Swivel



Catis Code	mm	mm	Fitting	mm	mm	mm	kg
NPTA75T4SS/G	75	25	T4	25	108	84	40
NPTA100T4SS/G	100	25	T4	35	137	99	60
NPT125BT5SS/G	125	30	T5	44	162	110	100



Conductive wheel is also available.
Add "-KAS" suffix to Catis code,
e.g. NPTA100B1T4SS/G-KAS



Code	D
T2	1/2-13UNC x 1"
T4	M12 x 25mm P=1.75
T5	M16 x 25mm P=2.0